



Philips most advanced LED replacements for compact fluorescent PL-L lamps with 2G11 base

PL-L

Philips InstantFit LED lamps make the transition to LED from CFL lamps as simple as replacing a lamp. With a wide array of color temperatures, the InstantFit LED lamps can quickly and effectively replace compact fluorescent lamps.

Benefits

- Minimizes overall lighting costs
- Offers cheapest and easiest upgrade to LED lighting technology
- Excellent compatibility with existing fluorescent ballasts

Features

- High energy efficiency, over 40% energy savings
- Long lifetime with superior color and lumen maintenance
- Easy plug-and-play installation. Retrofit replacement of existing CFL-ni lamps
- Conventional form factor fits into existing luminaires
- Durable polycarbonate construction

Application

- Office and general lighting
- Residential and multi-family complexes
- Retail and hospitality

PL-L

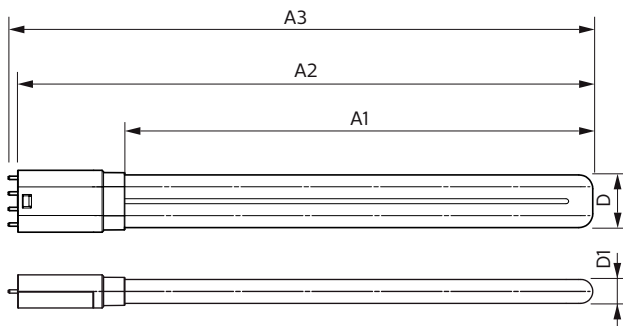
Versions



2G11

2G11 Tube, single-ended Frosted

Dimensional drawing



Product	D	D1	A1	A2	A3
16.5PL-L/COR/22-840/	40.6	20 mm	501	564	570.6
IF23/P/4P/DIM 10/1	mm		mm	mm	mm
16.5PL-L/COR/22-835/	40.6	20 mm	501	564	570.6
IF22/P/4P/DIM 10/1	mm		mm	mm	mm
16.5PL-L/COR/22-830/	40.6	20 mm	501	564	570.6
IF22/P/4P/DIM 10/1	mm		mm	mm	mm
17PL-L/COR/22-840/MF22/G/4P					
10/1					
17PL-L/COR/22-830/MF22/G/4P					
10/1					
17PL-L/COR/22-835/MF22/G/4P					
10/1					

Operating and Electrical	
Starting Time (Nom)	0.5 s
General Information	
Cap-Base	2G11
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
Light Technical	
Beam Angle (Nom)	160 °
Color Rendering Index (Nom)	82
Llmf At End Of Nominal Lifetime (Nom)	70 %
Mechanical and Housing	
Bulb Shape	Tube, single-ended
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
532895	16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1	- kWh
532903	16.5PL-L/COR/22-835/IF22/P/4P/DIM 10/1	- kWh
532911	16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1	- kWh
575100	17PL-L/COR/22-830/MF22/G/4P 10/1	-
575118	17PL-L/COR/22-835/MF22/G/4P 10/1	-
575126	17PL-L/COR/22-840/MF22/G/4P 10/1	-

Controls and Dimming

Order Code	Full Product Name	Dimmable
532895	16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1	No
532903	16.5PL-L/COR/22-835/IF22/P/4P/DIM 10/1	No
532911	16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1	No

Order Code	Full Product Name	Dimmable
575100	17PL-L/COR/22-830/MF22/G/4P 10/1	Yes
575118	17PL-L/COR/22-835/MF22/G/4P 10/1	Yes
575126	17PL-L/COR/22-840/MF22/G/4P 10/1	Yes

Operating and Electrical

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Power (Rated)
532895	16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1	40000-160000 Hz	70-110 V	16.5 W
532903	16.5PL-L/COR/22-835/IF22/P/4P/DIM 10/1	40000-160000 Hz	70-110 V	16.5 W
532911	16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1	40000-160000 Hz	70-110 V	16.5 W

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Power (Rated)
575100	17PL-L/COR/22-830/MF22/G/4P 10/1	50 to 60 Hz	120-277 V	17 W
575118	17PL-L/COR/22-835/MF22/G/4P 10/1	50 to 60 Hz	120-277 V	17 W
575126	17PL-L/COR/22-840/MF22/G/4P 10/1	50 to 60 Hz	120-277 V	17 W

Light Technical

Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)	Luminous Flux (Nom)
532895	16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1	830	3000 K	2200 lm
532903	16.5PL-L/COR/22-835/IF22/P/4P/DIM 10/1	835	3500 K	2200 lm

Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)	Luminous Flux (Nom)
532911	16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1	841	4000 K	2300 lm
575100	17PL-L/COR/22-830/MF22/G/4P 10/1	830	3000 K	2100 lm

PL-L

Order Code	Full Product Name	Color Code	Correlated Color	
			Temperature (Nom)	Luminous Flux (Nom)
575118	17PL-L/COR/22-835/MF22/G/4P 10/1	835	3500 K	2100 lm

Order Code	Full Product Name	Color Code	Correlated Color	
			Temperature (Nom)	Luminous Flux (Nom)
575126	17PL-L/COR/22-840/MF22/G/4P 10/1	841	4000 K	2200 lm

Mechanical and Housing

Order Code	Full Product Name	Bulb Finish
532895	16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1	-
532903	16.5PL-L/COR/22-835/IF22/P/4P/DIM 10/1	-
532911	16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1	-

Order Code	Full Product Name	Bulb Finish
575100	17PL-L/COR/22-830/MF22/G/4P 10/1	Frosted
575118	17PL-L/COR/22-835/MF22/G/4P 10/1	Frosted
575126	17PL-L/COR/22-840/MF22/G/4P 10/1	Frosted

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
532895	16.5PL-L/COR/22-830/IF22/P/4P/DIM 10/1	75 °C
532903	16.5PL-L/COR/22-835/IF22/P/4P/DIM 10/1	75 °C
532911	16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1	75 °C
575100	17PL-L/COR/22-830/MF22/G/4P 10/1	65 °C
575118	17PL-L/COR/22-835/MF22/G/4P 10/1	65 °C
575126	17PL-L/COR/22-840/MF22/G/4P 10/1	65 °C

